

# BELZONA RENEWS EXPANSION JOINT AT SHOPPING CENTRE

ID: 6277

**Industry:** Buildings & Structures  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Concrete  
**Products:** \* Belzona 4111 (Magma Quartz),  
\* Belzona 2221 (MP Fluid Elastomer),

**Customer Location:** Shopping Centre, NSW, Australia  
**Application Date:** April 2004

## Problem

The existing joint material had failed resulting in a route for water to leak to the building below and was also creating a trip hazard.



## Photograph Descriptions

- \* 1. The failed joint ,
- \* 2. Rebuilding with Belzona 4111 ,
- \* 3. Packing the joint with backer rod ,
- \* 4. Pouring the Belzona 2221 Elastomer to finish the job ,

## Application Situation

Failed Expansion joint at a Shopping Centre.

## Application Method

Application was carried out in accordance with Belzona System Leaflets FPA-5 and FPA-6. The existing joint material was removed and the edges of the joint rebuilt using Belzona 4111. Once this had cured sufficiently, the joint was conditioned using Belzona 2911 (QD Conditioner) before Belzona 2221 was poured to seal the joint.

## Belzona Facts

Belzona materials were chosen for their ease of use, compatibility and performance allowing repairs to be carried out quickly and easily. Belzona provides tough impact joint nosings whilst Belzona 2221 provides a highly elastic long term waterproof seal in the joint.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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